

# EAST Search History

V.S.  
06/03/07

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L5	71	((control\$4 or monitor\$3 or calculat\$3) near congestion)) near5 ((input or ingress or in) near (port or interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:52
		19 and discard\$3\	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:02
		(colli\$4) same (retransmit or re-transmit) same ((input or in or ingress)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:00
		switch and (re-transmit) and (colli\$4 near2 packet) and ((allocat\$3 or assign\$3 or set\$4 or attach\$3) near2 priority near2 packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:26
		switch and (re-transmit) and (colli\$4 near2 packet) and ((allocat\$3 or assign\$3 or set\$4 or attach\$3) near2 priority near2 packet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:25
		S44 and ((chang\$3 or modif\$7 or alter\$5 or replac\$5 or remov\$3) near3 priority near5 (portion near5 packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 16:45
		((select\$3 or choos\$3 or determin\$3) near5 (priority) near5 (higher or bigger) same (colli\$4 near2 (packet or cell or frame)) and (@ad<"19981215" or @rlad<"19981215"))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 12:42
L6	40	((ingress or in or input) near2 (port or interface)) near5 (retransmit or re-transmit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:08
		5 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 13:02

## EAST Search History

L7	32	6 and switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 11:35
L8	0	((((ingress or in or input) near2 (port or interface)) near5 (retransmit or re-transmit)) same discard\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 11:43
L9	1	((((ingress or in or input) near2 (port or interface)) near5 (retransmit or re-transmit)) same colli\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 11:46
L10	2	"5790522".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 11:49
L11	2	"5301333".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 11:50
L12	2	"5841773".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 11:55
L13	527	collision and (retransmit\$3 or re-transmit\$3) and input near port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 11:55
L14	6	collision same (retransmit\$3 or re-transmit\$3) same input near port	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 11:59
L15	755	(colli\$4) same (retransmit or re-transmit) same ((input or in or ingress))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:00
L16	425	15 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:48

## EAST Search History

L17	316	16 and switch\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:01
L18	232	16 and switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:01
L19	232	18 not 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:01
L20	81	19 and discard\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:02
L21	1462	((ingress or in or input) near5 (retransmit or re-transmit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:08
L22	565	21 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:09
L23	525	22 not 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:13
L24	259	23 and switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 16:12
L25	0	24 and collision	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:13
L26	38	24 and collision	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:47

## EAST Search History

L27	14	(congestion near2 status) near5 ((input or ingress or in) near (port or interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:51
L28	3	27 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:53
L29	172	(congestion) near5 ((input or ingress or in) near (port or interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:52
L30	38	((control\$4 or monitor\$3 or calculat\$3) near congestion) near5 ((input or ingress or in) near (port or interface))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 12:52
L31	10	30 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 13:01
L32	73	(FECN and BECN) and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 13:02
L33	56	32 and switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 16:12
L34	0	33 and ("no collision")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 16:12
L35	6	24 and ("no collision")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 16:40
L36	3	(ATM adj switch) same (collision) same (virtual adj circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 16:40

## EAST Search History

S1	1171	switch\$3 and congestion and monitor\$3 and priority and colli\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 10:19
S2	466	S1 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 12:42
S3	2	"5790522".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/30 18:05
S4	2	"5301333".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/30 18:06
S5	2	"5841773".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/30 18:06
S6	83	switch\$3 and congestion and monitor\$3 and (((assign\$3 or appl\$4 or set\$3 or allot\$3 or attribut\$3) near2 priority) near2 (packets or cell or frame)) and colli\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 16:13
S7	27	S6 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/04 11:33
S9	56	S6 not S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 13:15
S10	51	congestion near5 ports near5 monitor\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 10:19

## EAST Search History

S11	22	S10 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 17:43
S12	15	((select\$3 or choos\$3 or determin\$3) near5 (priority) near5 (higher or bigger) same colli\$4) and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 16:15
S13	0	((select\$3 or choos\$3 or determin\$3) near5 (priority) near5 (higher or bigger) same (colli\$4 near2 (packet or cell or frame))) and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 13:24
S14	67	((colli\$4 near2 (packet or cell or frame) near5 priority)) and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 13:24
S15	67	S14 not S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 13:24
S16	67	S14 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 13:25
S17	37	S16 and "370"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 16:16
S18	14	EP "0233993"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 15:27
S19	343	switch\$3 (((assign\$3 or appl\$4 or set\$3 or allot\$3 or attribut\$3) near2 priority) near2 (packets or cell or frame)) and colli\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 16:14

## EAST Search History

S20	343	switch\$3 and (((assign\$3 or appl\$4 or set\$3 or allot\$3 or attribut\$3) near2 priority) near2 (packets or cell or frame)) and colli\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 17:37
S21	158	S20 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 16:14
S22	158	S21 not S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 16:15
S23	148	S22 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 16:16
S24	2	switch\$3 and (((assign\$3 or appl\$4 or set\$3 or allot\$3 or attribut\$3) near2 (lower near2 priority)) near2 (packets or cell or frame)) same (higher near2 congest\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 17:42
S25	0	switch\$3 and (((assign\$3 or appl\$4 or set\$3 or allot\$3 or attribut\$3) near2 (smaller near2 priority)) near2 (packets or cell or frame)) same (higher near2 congest\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 17:42
S26	0	switch\$3 and (((assign\$3 or appl\$4 or set\$3 or allot\$3 or attribut\$3) near2 (smaller near2 priority)) near2 (packets or cell or frame)) same (bigger near2 congest\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 17:42
S27	151	switch\$3 and (((assign\$3 or appl\$4 or set\$3 or allot\$3 or attribut\$3) near2 (priority)) near2 (packets or cell or frame)) same (congest\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 17:47
S28	52	S27 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 18:15

## EAST Search History

S29	52	S28 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 17:43
S30	3	switch\$3 and (((assign\$3 or appl\$4 or set\$3 or allot\$3 or attribut\$3) near2 (priority)) near2 (packets or cell or frame)) same (congest\$3 near2 port)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 18:13
S31	0	switch\$3 and (((assign\$3 or appl\$4 or set\$3 or allot\$3 or attribut\$3) near2 ((lower or reduc\$3) near5 priority)) near2 (packets or cell or frame)) same (congest\$3 near2 port)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 18:14
S32	18	switch\$3 and (((assign\$3 or appl\$4 or set\$3 or allot\$3 or attribut\$3) near2 ((lower or reduc\$3) near5 priority)) near2 (packets or cell or frame)) same (congest\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 18:15
S33	2	S32 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 18:15
S34	1173	switch\$3 and congestion and monitor\$3 and priority and colli\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 18:19
S35	466	S34 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 18:19
S36	277	S35 and "370"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 18:20
S37	277	S36 not (S17 and S29 and S33)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 18:29



## EAST Search History

S38	4	S37 and (congestion near5 (table or list))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 19:50
S39	46	S37 and (congestion same (table or list))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 18:33
S40	42	S39 not S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 18:33
S41	57	S37 and (congestion near5 (table or list or buffer or memory))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 19:51
S42	53	S41 not S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/05/31 19:51
S43	8579	370/229,230,231,252,253,395.31, 395.4,395.42,395.43.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:43
S44	2235	S43 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:32
S45	112	S44 and ((chang\$3 or modif\$7 or alter\$5 or replac\$5 or remov\$3) near3 priority)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 16:44
S46	63	S45 and congest\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 13:54
S47	3	S45 and (congest\$3 near5 (table or list))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 15:56

## EAST Search History

S48	1	((table or list or database or map) with (status near3 (output adj (port or buffer or queue or memory)))) same (conges\$3 or (flow near2 (control\$3 or monitor\$3)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 15:57
S49	9	("5335224"   "5475682"   "5493566"   "5689500"   "5689506"   "5838922"   "5859837"   "6165021"   "6285679").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2007/06/01 15:58
S50	9	S49 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:27
S51	0	S44 and ((chang\$3 or modif\$7 or alter\$5 or replac\$5 or remov\$3) near3 priority near5 (portion near5 packet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 16:47
S52	1	S44 and ((chang\$3 or modif\$7 or alter\$5 or replac\$5 or remov\$3) near5 priority near5 (portion near5 packet))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 16:47
S53	25	"5940399"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:19
S54	2	"5940399".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:19
S55	3	switch and (re-transmit) and (colli\$4 near2 packet) and ((allocat\$3 or assign\$3 or set\$3 or attach\$3) near2 priority near2 packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:26
S56	14	switch and (re-transmit or retransmit) and (colli\$4 near2 packet) and ((allocat\$3 or assign\$3 or set\$3 or attach\$3) near2 priority near2 packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:32

## EAST Search History

S57	3	S56 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:51
S58	280	switch and (re-transmit or retransmit) and (colli\$4 near2 packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:32
S59	164	S58 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:32
S60	161	S59 not S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:36
S61	0	S60 and ((input or ingress) near2 (port)) near5 ((retransmit or re-transmit) near3 packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:36
S62	2	switch\$3 and ((input or ingress) near2 (port)) near5 ((retransmit or re-transmit) near3 packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:37
S63	4	switch\$3 and ((input or ingress) near2 (port)) near5 ((retransmit or re-transmit) near5 packet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:38
S64	15	switch\$3 and ((input or ingress) near2 (port)) near5 ((retransmit\$4 or re-transmit\$4) near5 (packet or frame or cell))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:41
S65	8	S64 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:42
S66	8	switch\$3 and ((input or ingress) near5 (port)) near5 ((retransmit\$4 or re-transmit\$4) near5 (packet or frame or cell)) and colli\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:41

## EAST Search History

S67	5	S66 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:42
S68	2	S43 and (switch\$3 and ((input or ingress) near5 (port) near5 (retransmit\$4 or re-transmit\$4) and colli\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:44
S69	111	switch\$3 same colli\$4 same (re-transmit\$4 or retransmit\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:51
S70	65	S69 and (@ad<"19981215" or @rlad<"19981215")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:52
S71	65	S70 not S64	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/06/01 18:52

V. S.  
06/03/07